

SAP iXp Intern - Junior Software Developer Job

SAP

SAP started in 1972 as a team of five colleagues with a desire to do something new. Together, they changed enterprise software and reinvented how business was done. Today, as a market leader in enterprise application software, we remain true to our roots. That's why we engineer solutions to fuel innovation, foster equality and spread opportunity for our employees and customers across borders and cultures.

SAP values the entrepreneurial spirit, fostering creativity and building lasting relationships with our employees. We know that a diverse and inclusive workforce keeps us competitive and provides opportunities for all. We believe that together we can transform industries, grow economics, lift up societies and sustain our environment.

Expected start date to end date: January 4, 2021 - September 3, 2021

What you'll do

The successful candidate for this position is a team player, possess excellent communication skills, and demonstrates a strong understanding of software development practices.

In this role, you'll:

- Develop and maintain existing in-house automation landscape.
- Test case development for existing and new features.
- Develop full stack from backend storage, business logics to JavaScript-based UI.
- Coordinate testing, integration and documentation of solutions.
- Provide operational support and new technologies investigations.

Minimum Qualifications:

- Working experience in Java OOP in a must.
- Working knowledge of web framework, preferably Grails and/or Spring, is a must.
- Working knowledge of at least one JavaScript framework, preferably Angular, is a must.
- Working knowledge of data structures, algorithms, web development, database design.
- Working knowledge of testing framework & Linux operating systems
- Ability to meet aggressive deadlines and quickly understand the existing framework requirements.
- Strong problem-solving skills & ability to prioritize and work on multiple tasks.
- Excellent team player with good interpersonal skills, strong verbal and written communication skills.
- Candidates to currently be enrolled in a Bachelor's or Masters, degree program

MLA Citation:

Junior Software Developer (SAP ixP Intern) - Vancouver, et al. SAP.
ca.indeed.com/cmp/SAP/reviews?utm_campaign=google_jobs_reviews.

Aleem Tariq
2328 West Mall
Vancouver, BC V6T 1Z4

December 12, 2020

Software Developer Hiring Manager
SAP Canada Inc.
910 Mainland St
Vancouver, BC V6B A19

Dear Software Developer Hiring Manager,

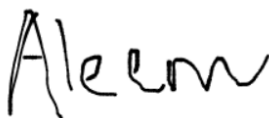
Please consider my application for the Software Developer Intern/Co-op position at SAP as advertised on Indeed. I hold a Bachelor of Science in Biology with a focus in Neuroscience from the University of British Columbia. In addition, I am currently a third-year student at the University of British Columbia, completing a Bachelor's in Computer Science, and expected to graduate in May 2023. I am excited to see this position, as I have heard excellent reviews about SAP's employee experience, and am interested in joining the team.

As a former student in Biology, I have thoroughly demonstrated problem solving, communication skills, and data analysis skills through my research projects. I developed projects aimed at difficult tasks, such as investigating how diseases emerge and proliferate in growing populations, wherein I used mathematical models to both model the problem domains, and modelling software to predict the spread of disease. Furthermore, I also worked as a research assistant, where I assisted a PhD student in his psychology research; the aim was to investigate the role of priming cues on mating behaviour, and punitive condemnations of cultural norm violations. Through the tail end of my prior degree, I worked on a Neuroscience project that soon revealed the importance of Computer Science; had I had more experience in the field, I'd have been able to approach my research question from an entirely different angle.

As a computer science student, I am passionate about seeking out this experience and expanding my skill-sets, so that I can take on more interesting projects; both related and un-related to my prior field. I developed a Python mini-max agent, wherein a user plays against a search algorithm, and is essentially forced to at best, concede a draw. I also developed a daily planner with Java OOP, as part of a course project that allows a user to track their daily tasks in a concise manner, with an API as well that notifies them of the weather on their days off; for the outdoors enthusiasts. In the next term, I will be exploring JavaScript and Node, and building a query engine. I am also apt to expand my skills further over the break, developing a background in JavaScript, React, and Node, through building functional and useful projects.

As a third-year student with skill in approaching problem domains, mathematical modelling, data analysis, as well as background in Python, Java, OOP, Testing, and a strong desire towards learning more, I believe I would make an excellent candidate for the Software Developer Intern/Co-op position. I would be deeply grateful if we could meet and discuss the position further. Please feel free to email me at aleemtariq19@gmail.com

Thank You,

A handwritten signature in black ink that reads "Aleem". The letters are cursive and slightly slanted to the right.

Aleem Tariq

Aleem Tariq

P: 604-727-0595

E: aleemtariq@hotmail.com

<https://github.com/aleemer>

Education

BCS Computer Science (Exp. 2023)

University of British Columbia

BSc Biology (2015-2020)

University of British Columbia

Relevant Courses

CPSC 110 : Programs & Programming

CPSC 121 : Models of Computation

CPSC 210: Software Construction

CPSC 221: Algorithms & Data Structures

MATH 221: Matrix Algebra

BIOL 301: Biomathematics

Projects

August 2020

TicTacToeAgent (Python)

- Developed a tic -tac-toe game where the user plays against an AI
- Project involved a minimax (search) algorithm

Sept 2019 – Dec 2019

DailyPlanner (Java)

- Developed an application that can function as a daily planner
- Incorporates an easy to use GUI, where user can keep track of tasks

Sept 2019 – Dec 2019

Disease Emergence Model (Mathematica)

<https://drive.google.com/file/d/15Kg1FbWfh8mHixDM1jPtH7uNv314VEx/view?usp=sharing>

- Modelled the emergence of a disease epidemic in a growing population to determine the minimum population size needed to sustain an epidemic
- Investigated conditions necessary to limit a disease outbreak

Jan 2019 - Apr 2019

Spatial Navigation and Sensory Modality

<https://drive.google.com/file/d/1wNndRU78QqfiqDCXPQNtmfHVUEl0sAq0/view?usp=sharing>

- Devised an experimental approach, with the specific aim of discerning the relationship between sensory integration, place cells, and navigation strategies in rodents

Nov 2017 – Dec 2018

Smartphone Wallpaper Study – Social Health Lab (UBC)

- As a research assistant, contributed to Dr. Alec Beall's investigation into the role of parenting-relating visual priming on parenting motivations, short-term mating motivation, and punitive condemnation of cultural norm violations

Technical & Other Skills

Software/Programming skills

- Java, Python, C++ language environments.
- Familiarity with Data Types and Structures; Algorithm Analysis & Search/Sort Algorithms
- Familiarity with Version Control, JUnit testing, Implementing OOP and Design Patterns
- Experience with incorporating APIs into projects.

Analytic skills

- Experience with biological systems modelling in R and Mathematica
- Experience with biological experimental design and testing
- Familiarity with calculus, formal logic, and systems modelling with linear algebra

Other

- Interpersonal, teamwork, leadership skills, time management, ability to follow instructions, and plan and commit to work diligently
- Reliable, motivated, honest, and willing to learn

Work Experience

Aug 2017 – Sept 2017

Undergraduate Academic Assistant – Biology Department (UBC)

- Reviewed course textbooks and assisted in office work and setting up departmental events, through effective planning and diligence

Feb 2014 – Aug 2017

Volunteer – Vancouver Coastal Health

- Engaged patients by directing and assisting art programs, gardening, and other leisure activities, including interviews and contribution to a seasonal newsletter

Sept 2013- Dec 2014

Volunteer – Harvest Project

- Integrated well with a team committed to reaching out to individuals and families on the North Shore facing poverty and familial strife
- Assisted maintenance of warehouse and food stores, ensuring freshness and availability

Activities and Interests

I have a deep interest for programming and science, especially in the areas of software development, neuroscience, and psychology. I enjoy reading scientific papers and non-fiction in my spare time. I am eager to expand my skillsets, and always looking for an opportunity to work on projects that can help me explore my interests further.

References

Available upon request.

Aleem Tariq
2328 West Mall
Vancouver, BC V6T 1Z4

December 12, 2020

Alec Beall
Behavioural Scientist
Department of Psychology
2328 West Mall
Vancouver, BC V6T 1Z4

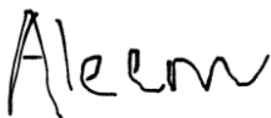
Dear Dr. Beall,

I hope you are healthy in these difficult times. I enjoyed my time as an assistant researcher to your study on the influence of priming on mating motivations. I am reaching out to ask for a reference for a position I am applying for.

I am applying for a Software Developer Intern/Co-op position at SAP. This position is seeking dependable, motivated computer science students with excellent analytical, problem-solving, and communication skills. I believe you can attest to these skills through my contributions to your research projects.

I would deeply grateful your reference, as the head of a research lab, where being able to critically approach problem domains and communicate science is incredibly vital to the research process. If you have any questions, feel free to email me at aleemtariq19@gmail.com. I have attached my resume for your reference.

All the best

A handwritten signature in black ink that reads "Aleem". The letters are cursive and connected, with a stylized 'A' and 'm'.

Aleem Tariq

Aleem Tariq
2328 West Mall
Vancouver, BC V6T 1Z4

December 12, 2020

Michael Gordon
Assistant Professor
Gordon Lab, University of British Columbia
2328 West Mall
Vancouver, BC V6T 1Z4

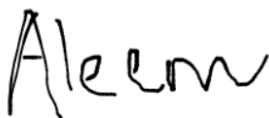
Dear Dr. Gordon,

I hope you are healthy in these difficult times. I enjoyed my time as a student in your class, both in neurobiology and systems neuroscience. I am reaching out to ask for a reference for a position I am applying for.

I am applying for a Software Developer Intern/Co-op position at SAP. This position is seeking dependable, motivated computer science students with excellent problem solving and communication skills. I believe you can attest to these skills through my various research projects in-class, and would be an excellent reference for me.

I would deeply grateful your reference, as the head of a research lab, where being able to critically approach problem domains and communicate science is incredibly vital to the research process. If you have any questions, feel free to email me at aleemtariq19@gmail.com. I have attached my resume for your reference.

All the best

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Vancouver, BC V6T 1Z4

December 12, 2020

Sarah Otto
Assistant Professor
Department of Zoology
6270 University Boulevard
Vancouver, BC V6T 1Z4

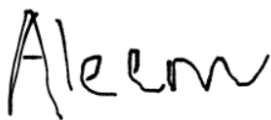
Dear Dr. Otto,

I hope you are healthy in these difficult times. I enjoyed my time as a student in your biomathematics class. I am reaching out to ask for a reference for a position I am applying for.

I am applying for a Software Developer Intern/Co-op position at SAP. This position is seeking dependable, motivated computer science students with excellent analytical, data modelling, programming, and problem-solving skills. I believe you can attest to these skills through my various research projects in-class, in particular, my modelling project on disease-emergence in growing populations, and would be an excellent reference for me.

I would deeply grateful your reference, as the head of a research lab, where being able to critically approach problem domains and communicate science is incredibly vital to the research process. If you have any questions, feel free to email me at aleemtariq19@gmail.com. I have attached my resume for your reference.

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